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https://codefights.com/img/coins_new.png2000

You are given a string of lowercase English letters, whitespace characters and punctuation marks. Apply a[Caesar Cipher](https://en.wikipedia.org/wiki/Caesar_cipher) to a given text by a given shift.  
Return the encrypted result with all letters capitalized, and punctuation marks, spaces and non-letter characters intact.

**Example:**

* For text = "abc" and shift = 0, the output should be  
  Caesar(text, shift) = "ABC".
* For text = "hello, world!" and shift = 1, the output should be  
  Caesar(text, shift) = "IFMMP, XPSME!".
* **[input] string text**
  + The string to apply a Caesar cipher to, containing lowercase English letter, punctuation marks, digits and spaces.
* **[input] integer shift**
  + A right shift to apply, 0 ≤ shift ≤ 25.
* **[output] string**
  + The resulting string.

<https://codefights.com/challenge/xkwAYp3zLfJYzAnCh>

static string Caesar(string text, int shift)

{

string alfab = "abcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyz";

if (shift > alfab.Length)

{

shift = shift % alfab.Length;

}

string ans = "";

for (int i = 0; i < text.Length; i++)

{

// ans += (alfab.IndexOf(text[i]) + shift).ToString().ToUpper();

//ans += alfab[ text.IndexOf(i)+shift];

if (char.IsLetter(text[i]))

{

int indalfab = alfab.IndexOf(text[i]);

ans += alfab[indalfab + shift].ToString().ToUpper();

}

else

{

ans += text[i];

}

}

return ans;

}